Lies Lahousse

List of Publications by Year
in descending order

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Version: 2024-02-01

		87888	106344
128	5,029	38	65
papers	citations	h-index	g-index

137	137	137	9058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel genetic variants associated with inhaled corticosteroid treatment response in older adults with asthma. Thorax, 2023, 78, 432-441.	5.6	5
2	Single inhaler triple therapy (SITT) in asthma: Systematic review and practice implications. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1105-1113.	5.7	17
3	Pharmacogenetics of inhaled corticosteroids and exacerbation risk in adults with asthma. Clinical and Experimental Allergy, 2022, 52, 33-45.	2.9	11
4	Changes in lung function in European adults born between 1884 and 1996 and implications for the diagnosis of lung disease: a cross-sectional analysis of ten population-based studies. Lancet Respiratory Medicine,the, 2022, 10, 83-94.	10.7	19
5	Genetic Associations and Architecture of Asthma-COPD Overlap. Chest, 2022, 161, 1155-1166.	0.8	15
6	Community pharmacist counseling improves adherence and asthma control: a nationwide study. BMC Health Services Research, 2022, 22, 112.	2.2	2
7	Factors influencing SARS-CoV-2 RNA concentrations in wastewater up to the sampling stage: A systematic review. Science of the Total Environment, 2022, 820, 153290.	8.0	55
8	Goal-oriented care for patients with chronic conditions or multimorbidity in primary care: A scoping review and concept analysis. PLoS ONE, 2022, 17, e0262843.	2.5	22
9	Optimization and Application of a Multiplex Digital PCR Assay for the Detection of SARS-CoV-2 Variants of Concern in Belgian Influent Wastewater. Viruses, 2022, 14, 610.	3.3	12
10	Lung function impairment in relation to cognition and vascular brain lesions: the Rotterdam Study. Journal of Neurology, 2022, 269, 4141-4153.	3.6	4
11	Sarcopenia, systemic immune-inflammation index and all-cause mortality in middle-aged and older people with COPD and asthma: a population-based study. ERJ Open Research, 2022, 8, 00628-2021.	2.6	9
12	Pulmonary Function and Blood DNA Methylation: A Multiancestry Epigenome-Wide Association Meta-analysis. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 321-336.	5.6	15
13	Serum Immunoglobulins, Pneumonia Risk, and Lung Function in Middle-Aged and Older Individuals: A Population-Based Cohort Study. Frontiers in Immunology, 2022, 13, .	4.8	4
14	Pharmacogenetics in clinical practice: current level of knowledge among Flemish physicians and pharmacists. Pharmacogenomics Journal, 2021, 21, 78-84.	2.0	9
15	Effect of ACE1 polymorphism rs1799752 on protein levels of ACE2, the SARS-CoV-2 entry receptor, in alveolar lung epithelium. ERJ Open Research, 2021, 7, 00940-2020.	2.6	18
16	Effect of Î²-blockers on the risk of COPD exacerbations according to indication of use: the Rotterdam Study. ERJ Open Research, 2021, 7, 00624-2020.	2.6	2
17	The interaction of cognitive and brain reserve with frailty in the association with mortality: an observational cohort study. The Lancet Healthy Longevity, 2021, 2, e194-e201.	4.6	11
18	Incidence and predictors of asthma exacerbations in middle-aged and older adults: the Rotterdam Study. ERJ Open Research, 2021, 7, 00126-2021.	2.6	1

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19	Lung Function Impairment and the Risk of Incident Dementia: The Rotterdam Study. Journal of Alzheimer's Disease, 2021, 82, 621-630.	2.6	10
20	A systematic analysis of protein-altering exonic variants in chronic obstructive pulmonary disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L130-L143.	2.9	11
21	Macrolide-associated ototoxicity: a cross-sectional and longitudinal study to assess the association of macrolide use with tinnitus and hearing loss. Journal of Antimicrobial Chemotherapy, 2021, 76, 2708-2716.	3.0	9
22	Lung function decline before and after treatment of World Trade Center associated obstructive airways disease with inhaled corticosteroids and longâ€acting beta agonists. American Journal of Industrial Medicine, 2021, 64, 853-860.	2.1	5
23	Determinants of poor inhaler technique and poor therapy adherence in obstructive lung diseases: a cross-sectional study in community pharmacies. BMJ Open Respiratory Research, 2021, 8, e000823.	3.0	14
24	The implementation of risk minimization measures to prevent teratogenic pregnancy outcomes related to oral retinoid and valproate use in Belgium. Acta Clinica Belgica, 2021, , 1-8.	1.2	1
25	Rare and low-frequency exonic variants and gene-by-smoking interactions in pulmonary function. Scientific Reports, 2021, 11, 19365.	3.3	2
26	An alternative approach for bioanalytical assay optimization for wastewater-based epidemiology of SARS-CoV-2. Science of the Total Environment, 2021, 789, 148043.	8.0	25
27	Epigenome-wide association study on diffusing capacity of the lung. ERJ Open Research, 2021, 7, 00567-2020.	2.6	3
28	Benefits of Angiotensin-Converting Enzyme Inhibitors and Angiotensin-Receptor Blockers on Progression of Emphysema and Lung Function Decline. Chest, 2021, 160, 1160-1162.	0.8	1
29	Personalizing Oral Corticosteroid Dose in Severe COPD Exacerbations. Chest, 2021, 160, 1581-1582.	0.8	1
30	Sarcopenia in older people with chronic airway diseases: the Rotterdam study. ERJ Open Research, 2021, 7, 00522-2020.	2.6	8
31	Monoclonal antibodies in type 2 asthma: an updated network meta-analysis. Minerva Medica, 2021, 112, 573-581.	0.9	12
32	Comparison of cerebral blood flow in subjects with and without chronic obstructive pulmonary disease from the population-based Rotterdam Study. BMJ Open, 2021, 11, e053671.	1.9	2
33	Which COPD patients benefit from beta-blocker therapy?. Trends in Cardiovascular Medicine, 2021, , .	4.9	0
34	Trajectory and mortality of preserved ratio impaired spirometry: the Rotterdam Study. European Respiratory Journal, 2020, 55, 1901217.	6.7	107
35	Blood eosinophil level and lung function trajectories: cross-sectional and longitudinal studies in European cohorts. ERJ Open Research, 2020, 6, 00320-2020.	2.6	9
36	A cross-omics integrative study of metabolic signatures of chronic obstructive pulmonary disease. BMC Pulmonary Medicine, 2020, 20, 193.	2.0	15

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37	Current developments and future directions in COPD. European Respiratory Review, 2020, 29, 200289.	7.1	10
38	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. Lancet Respiratory Medicine,the, 2020, 8, 696-708.	10.7	69
39	A pragmatic randomized controlled trial to improve inhaler technique using mHealth. Clinical and Translational Allergy, 2020, 10, 59.	3.2	1
40	Factors Predicting Treatment of World Trade Center-Related Lung Injury: A Longitudinal Cohort Study. International Journal of Environmental Research and Public Health, 2020, 17, 9056.	2.6	3
41	The global significance of PRISm: how data from low- and middle-income countries link physiology to inflammation. European Respiratory Journal, 2020, 55, 2000354.	6.7	3
42	Dyspnea and Inhaled Corticosteroid and Long-acting Î²-Agonist Therapy in an Occupational Cohort: A Longitudinal Study. Annals of the American Thoracic Society, 2020, 17, 770-773.	3.2	5
43	ERS International Congress, Madrid, 2019: highlights from the Airway Diseases, Asthma and COPD Assembly. ERJ Open Research, 2020, 6, 00341-2019.	2.6	3
44	Change in blood eosinophils following treatment with inhaled corticosteroids may predict long-term clinical response in COPD. European Respiratory Journal, 2020, 55, 1902119.	6.7	26
45	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drugâ€“metabolite atlas. Nature Medicine, 2020, 26, 110-117.	30.7	54
46	Monoclonal antibodies in type 2 asthma: a systematic review and network meta-analysis. Respiratory Research, 2019, 20, 179.	3.6	93
47	Prevalence of Asthma and COPD and Blood Eosinophil Count in a Middle-Aged Belgian Population. Journal of Clinical Medicine, 2019, 8, 1122.	2.4	9
48	Î²2-Adrenergic Receptor (ADRB2) Gene Polymorphisms and Risk of COPD Exacerbations: The Rotterdam Study. Journal of Clinical Medicine, 2019, 8, 1835.	2.4	12
49	Atherosclerotic calcification in major vessel beds in chronic obstructive pulmonary disease: The Rotterdam Study. Atherosclerosis, 2019, 291, 107-113.	0.8	9
50	Lifetime risk and multimorbidity of non-communicable diseases and disease-free life expectancy in the general population: A population-based cohort study. PLoS Medicine, 2019, 16, e1002741.	8.4	66
51	Occupational exposure to gases/fumes and mineral dust affect DNA methylation levels of genes regulating expression. Human Molecular Genetics, 2019, 28, 2477-2485.	2.9	9
52	Positive Associations of Dietary Marine Omega-3 Polyunsaturated Fatty Acids with Lung Function: A Meta-analysis (P18-087-19). Current Developments in Nutrition, 2019, 3, nzz039.P18-087-19.	0.3	1
53	Epigenomeâ€wide association studies in asthma: A systematic review. Clinical and Experimental Allergy, 2019, 49, 953-968.	2.9	33
54	Epigenetic targets for lung diseases. EBioMedicine, 2019, 43, 24-25.	6.1	3

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55	Chronic Airway Diseases Early Stratification (CADSET): a new ERS Clinical Research Collaboration. European Respiratory Journal, 2019, 53, 1900217.	6.7	25
56	Limited overlap in significant hits between genome-wide association studies on two airflow obstruction definitions in the same population. BMC Pulmonary Medicine, 2019, 19, 58.	2.0	4
57	Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course. European Respiratory Journal, 2019, 53, 1801795.	6.7	48
58	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. Nature Genetics, 2019, 51, 494-505.	21.4	257
59	Sarcopenia in COPD: a systematic review and meta-analysis. European Respiratory Review, 2019, 28, 190049.	7.1	116
60	DNA methylation is associated with lung function in never smokers. Respiratory Research, 2019, 20, 268.	3.6	14
61	Association of alcohol consumption with allergic disease and asthma: a multiâ€centre Mendelian randomization analysis. Addiction, 2019, 114, 216-225.	3.3	14
62	Omega-3 Fatty Acids and Genome-Wide Interaction Analyses Reveal DPP10â€“Pulmonary Function Association. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 631-642.	5.6	14
63	The association between dietary protein intake, energy intake and physical frailty: results from the Rotterdam Study. British Journal of Nutrition, 2019, 121, 393-401.	2.3	36
64	When the Heart Steals Your Breath Away. Respiration, 2019, 97, 199-201.	2.6	1
65	Chronic obstructive pulmonary disease and the development of atrial fibrillation. International Journal of Cardiology, 2019, 276, 118-124.	1.7	43
66	Improving inhaler technique in asthma/COPD by mHealth: a Belgian RCT. , 2019, , .		1
67	Preserved Ratio Impaired Spirometry (PRISm) and mortality: the Rotterdam Study. , 2019, , .		3
68	Sarcopenia and Its Clinical Correlates in the General Population: The Rotterdam Study. Journal of Bone and Mineral Research, 2018, 33, 1209-1218.	2.8	51
69	Physical activity and cause-specific mortality: the Rotterdam Study. International Journal of Epidemiology, 2018, 47, 1705-1713.	1.9	22
70	Asthma and its comorbidities in middle-aged and older adults; the Rotterdam Study. Respiratory Medicine, 2018, 139, 6-12.	2.9	32
71	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. Human Molecular Genetics, 2018, 27, 396-405.	2.9	24
72	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. European Journal of Human Genetics, 2018, 26, 709-722.	2.8	21

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73	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
74	Airways diseases: asthma, COPD and chronic cough highlights from the European Respiratory Society Annual Congress 2018. Journal of Thoracic Disease, 2018, 10, S2992-S2997.	1.4	4
75	COPD is associated with an increased risk of peripheral artery disease and mortality. ERJ Open Research, 2018, 4, 00086-2018.	2.6	16
76	Amazing pleiotropic effects ofÂazithromycin. Breathe, 2018, 14, 336-337.	1.3	1
77	LABA/LAMA Fixed Dose Combination in Chronic Obstructive Pulmonary Disease: The Impact on Health-Related Quality of Life. Respiration, 2018, 96, 370-381.	2.6	2
78	Meta-analysis across Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium provides evidence for an association of serum vitamin D with pulmonary function. British Journal of Nutrition, 2018, 120, 1159-1170.	2.3	9
79	Serum phosphate levels are related to all-cause, cardiovascular and COPD mortality in men. European Journal of Epidemiology, 2018, 33, 859-871.	5.7	39
80	Heritability and genome-wide association study of diffusing capacity of the lung. European Respiratory Journal, 2018, 52, 1800647.	6.7	18
81	A Genome-Wide Linkage Study for Chronic Obstructive Pulmonary Disease in a Dutch Genetic Isolate Identifies Novel Rare Candidate Variants. Frontiers in Genetics, 2018, 9, 133.	2.3	8
82	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. Nature Communications, 2018, 9, 2976.	12.8	85
83	Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 2018, 3, 4.	1.8	19
84	Dietary mineral intake and lung cancer risk: the Rotterdam Study. European Journal of Nutrition, 2017, 56, 1637-1646.	3.9	46
85	Development of a Healthy Aging Score in the Population-Based Rotterdam Study: Evaluating Age and Sex Differences. Journal of the American Medical Directors Association, 2017, 18, 276.e1-276.e7.	2.5	28
86	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. Nature Genetics, 2017, 49, 426-432.	21.4	306
87	Sex-Specific Genetic Risk Factors for Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 281-282.	2.9	3
88	Pulmonary artery to aorta ratio and risk of all-cause mortality in the general population: the Rotterdam Study. European Respiratory Journal, 2017, 49, 1602168.	6.7	29
89	Association between lutein intake and lung function in adults: the Rotterdam Study. British Journal of Nutrition, 2017, 117, 720-730.	2.3	12
90	Pulmonary function and diffusion capacity are associated with pulmonary arterial systolic pressure in the general population: The Rotterdam Study. Respiratory Medicine, 2017, 132, 50-55.	2.9	6

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91	Adherence to the 2015 Dutch dietary guidelines and risk of non-communicable diseases and mortality in the Rotterdam Study. European Journal of Epidemiology, 2017, 32, 993-1005.	5.7	111
92	Epidemiology and impact of chronic bronchitis in chronic obstructive pulmonary disease. European Respiratory Journal, 2017, 50, 1602470.	6.7	70
93	Genome-wide association study on the FEV 1 /FVC ratio in never-smokers identifies HHIP and FAM13A. Journal of Allergy and Clinical Immunology, 2017, 139, 533-540.	2.9	45
94	MicroRNA Profiling Reveals a Role for MicroRNA-218-5p in the Pathogenesis of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 43-56.	5.6	108
95	Genes and pathways underlying susceptibility to impaired lung function in the context of environmental tobacco smoke exposure. Respiratory Research, 2017, 18, 142.	3.6	16
96	Cardiac impact of inhaled therapy in the largest randomised placebo-controlled trial in COPD history: have we reached the SUMMIT?. ERJ Open Research, 2016, 2, 00055-2016.	2.6	2
97	Chronic obstructive pulmonary disease and sudden cardiac death: A systematic review. Trends in Cardiovascular Medicine, 2016, 26, 606-613.	4.9	32
98	Asthma inflammatory phenotypes show differential microRNA expression in sputum. Journal of Allergy and Clinical Immunology, 2016, 137, 1433-1446.	2.9	168
99	Prevalence and incidence of COPD in smokers and non-smokers: the Rotterdam Study. European Journal of Epidemiology, 2016, 31, 785-792.	5.7	199
100	<scp>GWAS</scp> analysis of handgrip and lower body strength in older adults in the <scp>CHARGE</scp> consortium. Aging Cell, 2016, 15, 792-800.	6.7	51
101	Targeted Therapy for Older Patients with Uncontrolled Severe Asthma: Current and Future Prospects. Drugs and Aging, 2016, 33, 619-628.	2.7	5
102	The Well-Known Gene HHIP and Novel Gene MECR Are Implicated in Small Airway Obstruction. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1299-1302.	5.6	11
103	Cardiac effects of current treatments of chronic obstructive pulmonary disease. Lancet Respiratory Medicine,the, 2016, 4, 149-164.	10.7	86
104	Understanding age-related diseases: report of the 2015 Ageing Summit. European Respiratory Journal, 2016, 47, 5-9.	6.7	3
105	Chronic Obstructive Pulmonary Disease and the Risk of Stroke. The Rotterdam Study. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 251-258.	5.6	107
106	Risk of Frailty in Elderly With COPD: A Population-Based Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 689-695.	3.6	130
107	Chronic obstructive pulmonary disease and sudden cardiac death: the Rotterdam study. European Heart Journal, 2015, 36, 1754-1761.	2.2	91
108	Targeted therapy with inhaled corticosteroids in COPD according to blood eosinophil counts. Lancet Respiratory Medicine,the, 2015, 3, 416-417.	10.7	22

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109	Gait patterns in COPD: the Rotterdam Study. European Respiratory Journal, 2015, 46, 88-95.	6.7	51
110	Integrative pathway genomics of lung function and airflow obstruction. Human Molecular Genetics, 2015, 24, 6836-6848.	2.9	28
111	The Rotterdam study: why fall in COPD?. European Respiratory Journal, 2015, 46, 1530-1531.	6.7	2
112	Chronic obstructive pulmonary disease and cerebrovascular disease: A comprehensive review. Respiratory Medicine, 2015, 109, 1371-1380.	2.9	94
113	Prevalence of Pulmonary Hypertension in the General Population: The Rotterdam Study. PLoS ONE, 2015, 10, e0130072.	2.5	57
114	Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. PLoS ONE, 2014, 9, e100776.	2.5	52
115	Î²â€adrenoceptor blockers and pulmonary function in the general population: the <scp>R</scp>otterdam <scp>S</scp>tudy. British Journal of Clinical Pharmacology, 2014, 77, 190-200.	2.4	34
116	Bone Mineral Density and Chronic Lung Disease Mortality: The Rotterdam Study. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1834-1842.	3.6	23
117	Genome-wide association analysis identifies six new loci associated with forced vital capacity. Nature Genetics, 2014, 46, 669-677.	21.4	131
118	Adverse outcomes of frailty in the elderly: the Rotterdam Study. European Journal of Epidemiology, 2014, 29, 419-427.	5.7	88
119	Common genes underlying asthma and COPD? Genome-wide analysis on the Dutch hypothesis. European Respiratory Journal, 2014, 44, 860-872.	6.7	49
120	Susceptibility to Chronic Mucus Hypersecretion, a Genome Wide Association Study. PLoS ONE, 2014, 9, e91621.	2.5	25
121	Statins, systemic inflammation and risk of death in COPD: The Rotterdam study. Pulmonary Pharmacology and Therapeutics, 2013, 26, 212-217.	2.6	102
122	Normal spirometry values in healthy elderly: the Rotterdam Study. European Journal of Epidemiology, 2013, 28, 329-334.	5.7	21
123	Chronic Obstructive Pulmonary Disease and Lipid Core Carotid Artery Plaques in the Elderly. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 58-64.	5.6	83
124	Chronic Obstructive Pulmonary Disease and Cerebral Microbleeds. The Rotterdam Study. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 783-788.	5.6	63
125	Genome-Wide Association Studies Identify CHRNA5/3 and HTR4 in the Development of Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 622-632.	5.6	164
126	Mendelian Randomization Study of Interleukin-6 in Chronic Obstructive Pulmonary Disease. Respiration, 2011, 82, 530-538.	2.6	24

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127	Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 0, 3, 4.	1.8	11
128	Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 0, 3, 4.	1.8	1